



# AHMAD MUSTAFFA ZAKARIA

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## Objective

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Highly driven and adaptive software developer with 3 years of front-end development experience, specializing in NextJS, ReactJS(with React Query and Redux). Originally trained in Electronic Engineering, I bring a unique combination of problem-solving, user-centric design, and performance-driven development. Proven ability to build, test, and maintain scalable web applications in cross-functional teams. My web resume can be reached here: <https://webresume-six.vercel.app>

## Experience

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- Clazzy SDN BHD** 13 September 2022 - Now  
SOFTWARE DEVELOPER
  - Developed and maintained web applications using NextJS, ReactJS with React Query or Redux for business-critical tools
  - Implemented responsive UI, reusable components, and API integrations to enhance application performance
  - Participated in code reviews, unit testing, and deployment pipelines
  - Collaborated with QA team to lead automation testing using Cypress, ensuring clean releases

Technologies: NextJS, Redux, React-Query, NodeJS, MongoDB, Postgress, Express, Fastify, VueJS & Figma
- AR Eastern SDN BHD** 7 March 2022 - 9 September 2022  
ELECTRICAL & ELECTRONIC ENGINEER (PROTÈGE)
  - Support and assist the Project Manager in dealing with ongoing projects
  - Assist in installation of electrical/electronic equipment and system testing.
  - Plan and perform maintenance.
  - Analyze technical drawings, interpret specifications and determine electrical/electronic requirements of the projects.
  - Conducting satellite maintenance in Royal Malaysia Armed Forces camp with RMAF technician team.
  - Device used: Spectrum Analyzer, basic wiring tools.
- MYCRON STEEL BERHAD** 17 June 2019 - 16 August 2019  
ASSISTANT ENGINEER
  - Exposed with wiring panel, power leakage testing, motor servicing and report handling to be encountered daily
  - Commonly applying Wye-Delta circuit process and basic 3-phase wiring every breakdown process occurs
  - Involving in fundamental PLC block programming
  - Usually managed to handle 4 to 5 machines and electricals breakdown daily, depends on the level of breakdown.
  - Device used: Basic wiring tools and factory machines.
- TENAGA SINAR ENTERPRISE** 15 May 2016 - 16 June 2016  
TECHNICIAN
  - Basic wiring for houses and building, applying concept of pooping circuit and trinking services.
  - Identifying wiring a component parts, air conditional maintenance. (additional service)
  - Around 7 to 10 wiring problems able to solve daily.
  - Devices used: Basic wiring tools.

## Education

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- Universiti Teknologi MARA, Cawangan Selangor, (Kampus Shah Alam)** 2017-2021  
Bachelor Degree (Hons.) Electronic Engineering
- Universiti Teknologi MARA, Cawangan Terengganu (Kampus Dungun)** 2014-2016  
Diploma in Electrical & Electronic Engineering

## Skills

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- Problem Solving
- Leading
- Team Collaboration
- Communication
- C++
- Python
- JavaScript

- Typescript
- NextJS (server-side rendering (SSR) and static site generation (SSG))
- ReactJS (hooks, routing, query, lazy loading)
- Figma
- MongoDB
- Microsoft Word, Excel, PPT
- Retool (Testing REST API)
- Docker (Containerize)

## Projects

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- **Freelance**  
Developed admin management tools web app for OMR Sdn Bhd
- **Team (Clazzy)**  
e-Rota Solvnex (professional job hunting under Petronas) - ReactJS, MongoDB, Fastify, NodeJS  
TNBTracker-Track & Trace (Tracking and Managing Logistics Partner with TNB App) - NextJS, MongoDB, Fastify, NodeJS  
Al Hijrah Plus - VueJS, Postgres
- **Personal Projects**  
ChatbotQT - Chatbot Desktop Application using PyQt (model GPT-3.5 & DeepSeek)  
Kindergarten Student Management - Manage student attendance, list & fee using PyQt  
FakeShop Web App - non-publish App, only repository by using Vanilla PHP.

## Achievements & Awards

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- 30-day Deep Learning Master Class Certification under PANTECH SOLUTIONS PVT. LTD. (India) Cert. No: PS-DL-NOV-MC-0037
- NIOSH-TM Safety Passport(NTMSP) Passport No: NTMSP04882N
- Safety Work at Height Aerial Rigger - Level 1 (WAH-L1) Cert No: 2022/0020 OCLET TECHNOLOGY SDN. BHD.
- Telecommunication Engineering Competency Certification HRDF TP No: 1210797A Cert No: UTECH.TELE.2021002
- Collaboration between Coursera and RICE University, Houston, Texas, United States. - In the process of completing the Business Statistics and Analysis Specialization course through 5 courses: 1) Introduction to Data Analysis using Excel (Cert. No: 8FW52WMAACA3), 2) Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions (Cert. No: TGRDTPDLPNXY), 3) Business Applications of Hypothesis Testing and Confidence Interval Estimation (Cert. No: NCZ92LCX7PVA), 4) Linear Regression for Business Statistics (Cert. No: G84MXVGQVM5), 5) Business Statistics and Analysis Capstone (Currently taking)

## Activities

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- Placement Guide Programmer GeeksforGeeks 2021 (India) - ranked 300th out of 16,000 candidates, able to solve 145 questions per 1200 questions related to Data Structures and Algorithm, Object Oriented Programming, HashMap etc.
- Volunteering in flood victim in Shah Alam as a chef team - 19 December until 25 December 2021
- Volunteering for PPV(Vaccine Delivery Center) OUT REACH OFFICER, - Dewan Raja Muda, Seksyen 7
- Part-time volunteer for PPV(Vaccine Delivery Center) for PIC Kids, -Dewan Melur, Seksyen 7.

## Languages

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- Bahasa Melayu - Reading(10/10), Writing(10/10), Speaking(10/10)
- English - Reading(10/10), Writing(9/10), Speaking(8/10)

## Personal Details

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- Driving Licence : B2(below 250cc motorcycle) and D(car)

## Reference

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- **Assoc. Prof Dr Azilah Saparon - Universiti Teknologi MARA**  
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- **Ir. Ts. Lt. Cdr. Anizan bin Ali RMN(Retired),(Eng.),MIET. - AR Eastern SDN. BHD**  
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